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Attorney Docket No. 826.1775

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Fumirou ABE, et al.

Application No.:

Group Art Unit:

Filed: November 30, 2001

Examiner:

11046 U.S. PTO  
09/998225  
12/03/01

For: PATTERN RETRIEVING METHOD, PATTERN RETRIEVAL APPARATUS,  
COMPUTER-READABLE STORAGE MEDIUM STORING PATTERN RETRIEVAL  
PROGRAM, PATTERN RETRIEVAL SYSTEM, AND PATTERN RETRIEVAL  
PROGRAM

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure provisions of 37 CFR § 1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

1. Enclosures accompanying this Information Disclosure Statement are:

- 1a. ☒ Form PTO-1449.
- 1b. ☒ Copies of IDS citations.
- 1c. ☐ An English language copy of search report(s) from a counterpart foreign application or a PCT International Search Report.
- 1d. ☐ English language translation (complete or relevant portion(s)) attached to each non-English language publication.
- 1e. ☐ Explanations of Relevancy of References (ATTACHMENT 1(e), hereto) for providing a concise explanation of each non-English publication.

2. ☒ In accordance with 37 CFR § 1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is

(Check appropriate Items 2a, 2b, 2c and/or 2d)

- 2a. ☐ satisfied because all non-English language publications were cited on the enclosed "English-language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, pp. 600-100 to 600-101, Rev. 1, Feb. 2000.)
- 2b. ☒ set forth in the application.

- 2c. ☐ satisfied because an English language translation (complete or relevant portion(s)) is attached to each non-English language publication.
- 2d. ☐ enclosed as Attachment 1(e), hereto.
3. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

Respectfully submitted,

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# PRIOR ART INFORMATION LIST

J1046 U.S. PTO  
 09/998225  
  
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Your case No.	
Our case No.	2001FJ567-1

Inventor, Patent number, Country, Author, Title, Number of Document	Issue date	Concise Explanation of the Relevance (indication of page, column, line, figure of the relevant portion)
JP-A-6-60121	Mar. 4, 1994	USP5,454,105
Alfred V. Aho et al. "Efficient String Matching: An Aid to Bibliographic Search" Communications of the ACM Vol.18, Number 6	June 1975	p.333-p.340
Timos K. Sellis "Multiple-Query Optimization" ACM Transactions on Database Systems, Vol.13, No.1	March 1988	p.23-p.52